

ABSTRACT

The electrical connector assembly includes a first pair of contact members, each comprising a first termination end and a first connection end. A second pair of contact members, each comprising a second termination end and a second connection end, wherein the first connection end and the second connection end are in contact. A connector having a pair of wire receiving passages movable between a first position in which a pair of wires are held apart from the second termination end and a second position in which the pair of wires are inserted into the second termination end. The connector is capable of removing the pair of wires from the second termination end and reinserting the pair of wires into the second termination end. A surge arrestor can be provided to protect the connector from over-voltage or over-current to the system.